INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10829598 Filing Date 2004-04-22 First Named Inventor Graetz et al. Art Unit 1745 Examiner Name Not Assigned Attorney Docket Number 27-06

	U.S.PATENTS R					
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6852446		2005-02-08	Barbarich	
	2	6844115		2005-01-18	Gan et al.	
	3	6743547		2004-06-01	Gan et al.	
	4	6713214		2004-03-30	Koga et al.	
	5	6358649		2002-03-19	Yazami et al.	
	6	5175066		1992-12-29	Hamwi et al.	
	7	5114811		1992-05-19	Ebel et al.	
	8	4431567		1984-02-14	Gestaut et al.	

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	9	4119655		1978-10)-10	Hulme					
	10	3956018		1976-05	5-11	Kozawa					
	11	3536532		1970-10)-27	Wantanabe et	al.				
	12	6649033		2003-11-18		Yagi et al.					
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	1	0203430	WO			2002-01-10	Flagan et al.				
	2	0776053	EP			1997-05-28	El-shall et al.				

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	3	1028476	EP		2000-08-16	Kaminaka et al.			
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	1	ARORA and ZHANG, Oct. 13, 2004, "Battery Separators," Chem. Rev., 104:4419-4462							
	2	CHARLIER et al., 1993, "First principles study of graphite monofluoride (CF)n," Phys. Rev. B, 47:16162-16168							
	3	DAVIDSON, 2003, "Lithium Batteries, Molecular Expressions, Electricity and Magnetism," Florida State Univ., http://micro.magnet.fsu.edu/electromag/electricity/batteries/lithium.html							
	4	EBERT et al., 1974, "Carbon monofluoride. Evidence for a structure containing an infinite array of cyclohexane boats," J. Am. Chem Soc., 96:7841-7842							
	5	FUJIMOTO, 1997, "Structure analysis of graphite fluoride by Rietveld method," Carbon, 35:1061-1065							
	6	GUPTA et al., 2001, "Raman scattering study of highly fluorinated graphite," J. Fluorine Chem., 110:145-151							
	7	International Search Report Corresponding to PCT/US 2003/28395, Mailed Feb. 8, 2005							
	8	JACOBS, "Lithium battery basics, Machine Design, www.machinedesign.com/ ASP/strArticleID/55501/strSite/MDSite/view Selected Art.asp, Downloaded Oct. 14, 2005							

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9	JACOBS, "Long-lasting lithiums," Electron. Comm Technol., http://dataweek/co.za/Article.ASP? pklArticleID=1847&pklIssueID=455, Downloaded Oct. 14, 2005	
10	KITA et al., 1979, "Chemical composition and crystal structure of graphite fluoride," J. Am. Chem. Soc., 101:3832-3841	
11	LI, et al., 2000, "The crystal structural evolution of nano-Si anode caused by lithium insertion and extraction at room temperature," Solid State Ionics, 135:181-191	
12	MITKIN et al., 2002, "X-ray photoelectron and Auger spectroscopic study of superstoichiometric fluorographite-like materials," J. Struct. Chem., 43:843-855	
13	NAKAJIMA et al., 1999, "Electrochemical behavior of surface-fluorinated graphite," Electrochem. Acta, 44:2879-2888	
14	NANSE et al., 1997, "Fluorination of carbon blacks: an x-ray photoelectron spectroscopy study: I. A literature review of XPS studies of fluorinated carbons. XPS investigation of some reference compounds," Carbon, 35:175-194	
15	PELIKAN et al., 2003, "On the structural and electronic properties of poly(dicarbon monofluoride): solid-state semi- empirical INDO study," J. Solid State Chem., 174:233-240	
16	PILARZYK, "Lithium carbon monofluoride coin cells in real-time clock and memory backup applications," Rayovac, White Papers, http://www.rayovac.com/technical/wp_lithium.htm, Downloaded Oct. 17, 2005	
17	TOUHARA et al., 1987, "On the structure of graphite fluoride," Anorg. All. Chem., 544:7-20	
18	WHITTINGHAM, 1975, "Mechanism of reduction of fluorographite cathode," J. Electrochem. Soc., 122:526-527	
19	ZAJAC et al., 2000, "The structure and properties of graphite monofluoride using the three-dimensional cyclic cluster approach," J. Solid State Chem., 150:286-293	

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	20	ZHOU, et al., 1999, "Controlled Li doping of Si nanowires by electrochemical insertion method," Applied Physics Letters, 75(16):2447-2449							
	21	AUTHOR (UNKNOWN), "Meeting the energy need of future warriors," National Academic Press, www.nap.edu/openbook/0309092612/html/91.html, Downloaded Oct. 14, 2005							
	22	AUTHOR (UNKNOWN), "Meeting the energy need of future warriors," National Academic Press, www.nap.edu/openbook/0309092612/html/88.html, Downloaded Oct. 14, 2005							
	23	AUTHOR (UNKNOWN), "Lithium Batteries," Panasonic Ideas for Life, Product brochure, www.panasonic.com/industrial/battery/oem/chem/lith/index.html, Downloaded Oct. 14, 2005							
	24	AUTHOR (UNKNOWN), "PowerStream Battery Chemistry FAQ, PowerStream Technology, www.powerstream.com/BatteryFAQ.html, Last Updated Aug. 17, 2003							
	25	Lam et al. (Jun. 27, 2005) "Physical Characteristics and Rate Performance of (CFx)n (0.33 <x<0.66) 153:354-359<="" batteries,"="" in="" j.="" lithium="" power="" sources:="" td=""></x<0.66)>							
	26	6 International Search Report Corresponding to PCT/US 05/37871, Mailed Apr. 19,2006							
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